



**INTERNATIONAL ROAD DYNAMICS INC.
INTELLIGENT TRANSPORTATION SYSTEMS**

Transponder Usage and FAQ

How does the transponder work?

When you approach a weigh station, the transponder will send a signal to the AVI reader mounted on an overhead pole. The AVI reader will relay the signal to the workstation in the scale house. The computer will determine if the vehicle is cleared for bypass and relay the signal back to the transponder. Upon passing an AVI reader, the transponder will:

- Show a green light and beep: you may bypass the station.
- Do neither of those things: report to the station if it is open.

Why do I get pulled in?

There are a few reasons why a vehicle might get pulled in at a weigh station. First, if the transponder is placed incorrectly in the cab, the AVI reader may not be able to get a signal. Ensure that the transponder is placed correctly at all times.

Secondly, you may be pulled in on random check. The current random reporting frequency is set at 2%, meaning that about one in every fifty vehicles will be pulled in to the weigh station. This means that you may be pulled in at three stations in a row, or you may go by a hundred stations without having to report.

A third reason why you may be pulled in would be if the station has added you or your carrier to the report list. This list is station specific and allows the station to red flag any vehicle or carrier. This might be done in cases where you failed or your carrier has failed inspections at this station. A vehicle or carrier is placed on the report list for a certain amount of time to ensure they are keeping up to the standards of the PIC Council and the Province.

What do I do if I have never received or recently stopped receiving green lights?

- Ensure that your transponder is mounted correctly
- Ensure that the stations have been open when you passed them (remember, green lights are not issued from closed weigh stations)
- Contact IRD @ 1-866-903-0333 to report the issue. The Transponder Administrator can check records (from previous days only) to confirm last bypass, expired subscriptions, and help troubleshoot any potential problems with your transponder

My transponder didn't show a green light, what do I do?

- If the station is open, pull into the scale for a level one inspection
- If the station is closed, continue as though you received a bypass

